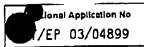
A. CLASSIF	CO1817/04 B01D53/86								
According to	International Patent Classification (IPC) or to both national classification	ition and IPC							
B. FIELDS S	SEARCHED								
Minimum doc	cumentation searched (classification system followed by classification CO1B BO1D	· · ·							
Documentali	on searched other than minimum documentation to the extent that su	uch documents are included in the fields se	arched						
	eta baso consulted during the International search (name of data bas	se and, where practical, search terms used;	ı						
EPO-Int	ternal								
1	ENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the rea	svaut baaeadez	Rolevani to claim No.						
Calegory °	Colonol of Colonolin, State Colonoline, Colonol of Colonoline, Col	-							
Х	US 5 628 977 A (HEISEL MICHAEL E	ET AL)	1-6						
	13 May 1997 (1997-05-13) column 6, line 35-49; figure 2		•						
			1_6						
X	EP 0 672 618 A (LINDE AG) 20 September 1995 (1995-09-20)		1-6						
	column 6, line 54-58								
	column 8, line 18-49; figure								
A	WO 01 30692 A (MONSANTO CO)		1-6						
	3 May 2001 (2001-05-03) the whole document	Ì							
		İ	1 <i>E</i>						
A	GB 769 995 A (GAS COUNCIL) 13 March 1957 (1957-03-13)	ŀ	1-6						
	page 7; figure	i							
		-/							
		•							
X Furti	her documents are listed in the continuation of box C.	Patent family members are listed	in annex.						
· ·	alegories of check documents :	"T" later document published after the inte or priority date and not in conflict with	THE SUBJICATION DOT						
consid	oni defining the general state of the laft which is not dered to be of particular relevance	citéd to únderstand the principle or th invention	cory underlying the						
*E* earlier i	document but published on or after the international date	X* document of particular rolevance; the claimed invention cannot be considered novel or cannot be considered to							
'L' document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another clusten or other special reason (as apectified)  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the									
cliption or other special reason (as specified)  "O" document reterring to an oral disclosure, use, exhibition or other means  "O" document reterring to an oral disclosure, use, exhibition or means, such combination being obvious to a person skilled									
.b. docum	means eni published prior to the international filing date but han the priority date claimed	in the art. *8* document member of the same patent							
Date of the	arch report								
1	0 September 2003	25/09/2003							
	mailing address of the ISA	Authorized officer							
	European Paleni Office, P.B. 5818 Palentiaan 2 NL - 2280 HV Rijswijk	0							
	Tel. (+31-70) 340-2040, Tx. 31 651 epo ni. Fax: (+31-70) 340-3016	Gruber, M							

.(Continue	dien) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
alegory *	the relevant naces are	I MINTER I TO THE PARTY.
	DE 38 43 295 A (KRUPP KOPPERS GMBH) 28 June 1990 (1990-06-28) column 3, line 8-15	. 1

## INTERNOONAL SEARCH REPORT



Patent document cited in search report		Publication date		Patent family member(6)	Publication date
US 5628977	A	13-05-1997	DE DE WO EP	4239811 A1 59302392 D1 9412430 A1 0670811 A1	01-06-1994 30-05-1996 09-06-1994 13-09-1995
EP 0672618	A	20-09-1995	DE AT CA DE EP US	4409203 A1 167653 T 2144893 A1 59502626 D1 0672618 A1 5676921 A	21-09-1995 15-07-1998 18-09-1995 30-07-1998 20-09-1995 14-10-1997
WO 0130692	A	03-05-2001	AU BR CA CN EP JP WO	8030100 A 0014908 A 2386336 A1 1382105 T 1230149 A2 2003512285 T 0130692 A2	08-05-2001 11-06-2002 03-05-2001 27-11-2002 14-08-2002 02-04-2003 03-05-2001
GB 769995	A	13-03-1957	NONE		
DE 3843295	Α	28-06-1990	DE CN DD DE ES PL US ZA	3843295 A1 1043681 A ,B 290404 A5 3919908 A1 2017241 A6 163291 B1 5100640 A 8908261 A	28-06-1990 11-07-1990 29-05-1991 20-12-1990 01-01-1991 31-03-1994 31-03-1992 26-09-1990